



Memo

To: Patty Barnes
Water Facilities Permitting Division

From: Brett Caswell *Brc*
Industrial Wastewater Permitting Section
Water Facilities Permitting Division

Subject: Sandridge Road Holdings, LLC
Pineland Farm Mine

Date: January 28, 2020

Review for this project is now complete and coverage under the general permit is ready to be issued. This mining coverage is located within one of the coastal counties regulated by the Office of Coastal Resource Management (OCRM). As part of the general permit's Coastal Zone Consistency determination (CZC), OCRM requires the following conditions in any approval letters for mines in the coastal zone:

1. All construction BMPs must be installed, inspected and maintained to retain sediment onsite and to protect adjacent wetlands and waters (if any) through the life of the project. Upon completion of construction activities, all disturbed (includes undeveloped) areas, including those impacted for access, must be immediately stabilized.
2. If appropriate, best management practices to include the use of rock check dams, spill pads, diffusers and other means of appreciable erosion control must be located at the point of discharge to prevent released wastewater from negatively effecting receiving wetlands, if any.
3. In the event that any historic or cultural resources and/or archaeological materials are found during the course of work, the applicant must notify the State Historic Preservation Office and the South Carolina Institute of Archaeology and Anthropology. Historic or cultural resources consist of those sites listed in the National Register of Historic Places and those sites that are eligible for the National Register. Archaeological materials consist of any items, fifty years old or older, which were made or used by man. These items include, but are not limited to, stone projectile points (arrowheads), ceramic shards, bricks, worked wood, bone and stone, metal and glass objects, and human skeletal materials.

General Permit: SCG731533
PSC or Site Name: Sandridge Road Holdings, LLC/Pineland Farm Mine
Watershed Basin: Edisto
Mining Permit: GP1-002281

- SIC code: 1499, Miscellaneous Non-metallic minerals

Outfall: 1BA

Lat: 33° 7' 57"N

Long: 80° 24' 25"W

Receiving Waters: Tributary to Halfway Gut Creek to Four Holes Swamp (Class FW sp)

Contact: Mr. Chris Bauer

Contact Phone #: (980) 225-9944

Company Phone #: (980) 225-9944

NPDES Address: Sandridge Road Holdings, LLC
1015 E. Westinghouse Blvd.
Charlotte, NC 28273

Site Address: Line 1: Sandridge Road
Line 2:
City: Dorchester State: SC Zip: 29437
County: Dorchester



Notice of Intent (NOI)
NPDES General Permit for Discharges
Associated with Nonmetallic Mineral Mining Facilities
SCG730000

RECEIVED
SEP 20 2019
WATER FACILITIES
PERMITTING DIVISION

Submission of this Notice of Intent constitutes notice that the party identified in this form intends to be authorized by a NPDES permit issued for Nonmetallic Mineral Mining discharges in a State location identified in this form. Becoming a permittee obligates such a discharge to comply with all terms and conditions of the permit. ALL NECESSARY INFORMATION MUST BE INCLUDED WITH THIS FORM. AN ANNUAL OPERATING FEE OF \$100 IS REQUIRED FOR COVERAGE UNDER THIS PERMIT. See Instructions.

I. Site/Operator Information

Name of the Mining or Pit Site: Pineland Farm Mine
Site Address: Sandridge Road
Site City: Dorchester State: SC Site County: Dorchester Site ZIP (if available): 29437
Tax map # (list all): 084-00-00-042
Company/Operator Name: Sandridge Road Holdings LLC Phone: 980-225-9944
Company/Operator Physical Address (do not use PO Boxes): 1015 E. Westinghouse BLVD

City: Charlotte State: NC ZIP: 28273 Operator Status: ☐ Federal ☐ State ☐ Public ☒ Private

II. Site Contact Information

Contact Name: Chris Bauer Phone: 980-225-9944
Contact Title: Member / Manager

Mailing and Billing Address: 1015 E. Westinghouse BLVD
City: Charlotte State: NC ZIP: 28273 Email (optional): jcb2n@yahoo.com

III. Site and Discharge Information

- A. Materials to be Mined: top soil & fill dirt (if material is mined solely as fill dirt, write fill dirt in the blank, not "sand" or "clay")
- B. SIC or Activity Codes: Primary: 1499 2nd: _____ 3rd: _____ 4th: _____
(The primary SIC codes for nonmetallic mining activities are in the 1400 series, for example fill dirt pits have the SIC code of 1499. Please list any other SIC codes that apply to this activity.)
- C. Total number of acres to be affected by the mining activity: _____
- D. Does the site currently have Nonmetallic Mineral Mining Discharge General Permit coverage?
If Yes complete this permit number SCG73; otherwise mark ☒ No
- E. List any other NPDES or ND Permit numbers for the site: SC SC ND
- F. Is this site exempt from the Mining Act? ☐ Yes, Reason for exemption: _____ ☒ No, Mining Permit #: GP1-002281
- G. Will this site discharge mine dewatering (see instructions for definition)? ☐ Yes ☐ No
Will this site discharge process-generated wastewater (see instructions for definition)? ☐ Yes ☒ No
Will this site discharge mine equipment wash water (see instructions for definition)? ☐ Yes ☒ No
Will this site discharge suction dredge water (see instructions for definition)? ☐ Yes ☒ No
- H. Provide the latitude and longitude (to the nearest 15 seconds) of the site, and the name of the nearest receiving water body (ex: to unnamed tributary to Saluda River). If any answer in G. above is "yes", also list each outfall and the flow (in gallons per day).

Outfall Number or Storm Water	Flow (gallons per day)	Latitude			Longitude			Receiving Waters
		Deg	Min	Sec	Deg	Min	Sec	
1	100,000 as needed	33°	7'	59.6"	80°	24'	25.5"	Halfway Gut Creek, eventually Four Holes Swamp
				57			25	

- I. Describe the discharge flow path from the point it exits the system to the point it enters the receiving water (attach a separate sheet if more space is needed). Please note, if applicable, that easements have been obtained for any conveyances of the discharge not on property of the permittee, which are not waters of the State.

Water will be pumped from a settling area within the excavated mine pit into wetlands associated with Halfway Gut Creek on Tax Map parcel 084-00-00-042. Riprap will be placed at the outfall and a forebay will be used to further control velocity of discharge and trap additional sediments as discharge flows down Halfway Gut Creek to Four Holes Swamp.

- J. Locate the site and any discharges on a U.S. Geological Survey 7½ minute quad sheet. An 8½ x 11 copy of the portion of the map with the site and the discharge identified should be submitted with this NOI.

USGS Map Quadrant Name: Harleyville

- K. Provide a map of the site that shows the following:

- The property boundary and all areas that will be affected by mining activities (i.e. the pits or excavation areas, overburden areas, material stockpiles, etc.)
- Location of planned access and haul roads on the area to be affected.
- Location and name (if appropriate) of streams, lakes, wetlands and existing drainage ditches within the area to be permitted. Use arrows to indicate direction of water flow in such streams and drainage ditches.
- A legend showing the name of applicant, name of the proposed mine, north arrow, county, scale, date of preparation and name and title of the person who prepared the site map.

- L. Describe all operations that contribute wastewater to the discharge and any treatment that is provided. Attach any existing data on the quality of the discharge.

Discharges to on-site wetland

The mine area will be dewatered to remove groundwater and surface water as needed. Water will be pumped from a settling area within the mine footprint into wetlands associated with Halfway Gut Creek. A floating pump will be used if any water is to be pumped out of the mine pit. Riprap will be placed at the outfall and a forebay will be used to further control velocity of discharge and trap additional sediments before reaching Halfway Gut Creek and Four Holes Swamp.

- M. Use the space below to bring to the Department's attention any additional information you feel should be considered in the permit decision. Attach an additional sheet if necessary.

The mining and dewatering plan has been developed to allow the discharged water an opportunity to become sediment free before pumping occurs, if necessary. The erosion control structures and practices will reduce the probability of having sedimentation and water quality issues in tributaries of Halfway Gut Creek, and Four Holes Swamp.

IV. Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations.

Print Name:

Chris Bauer, Member/Manager

Title:

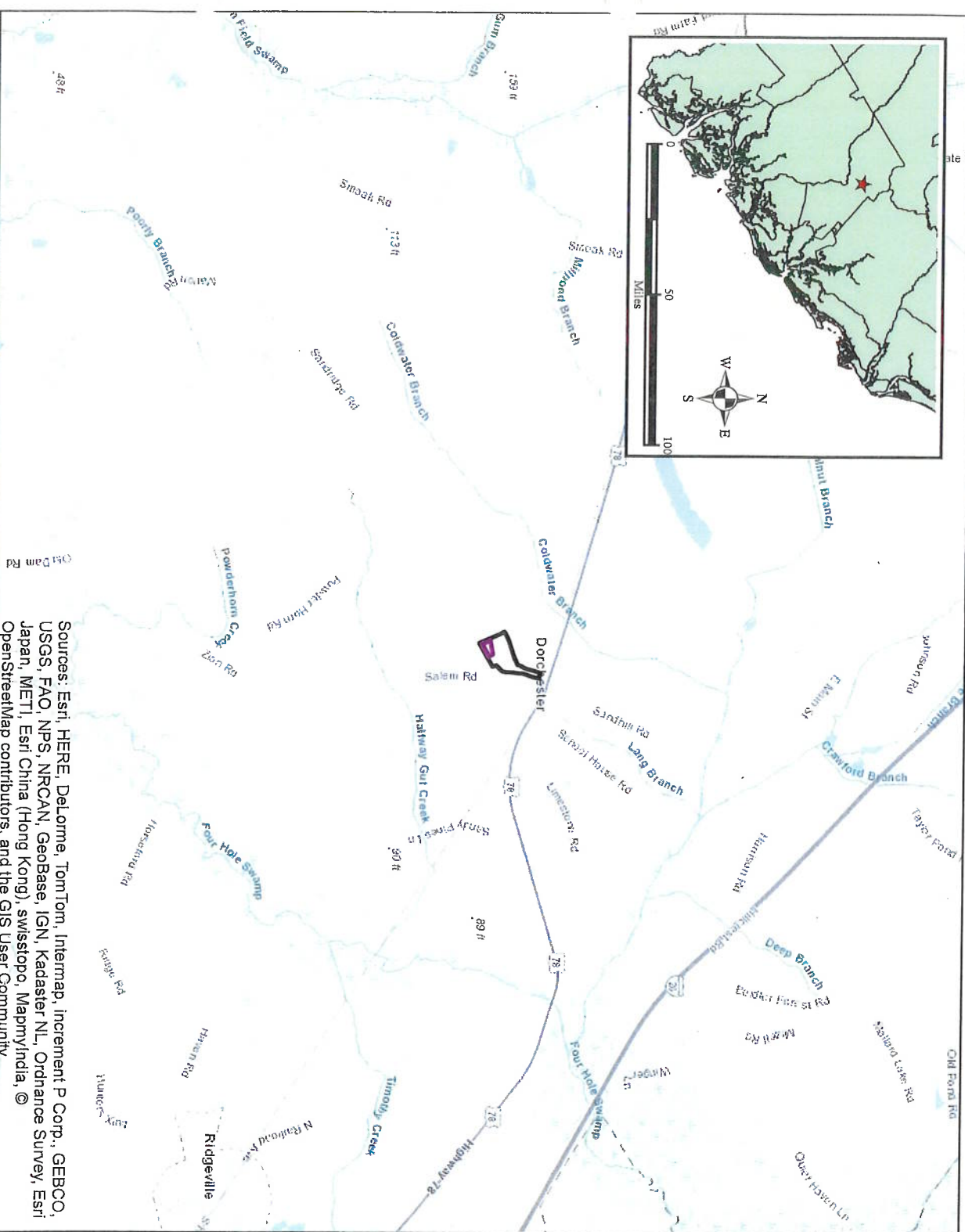
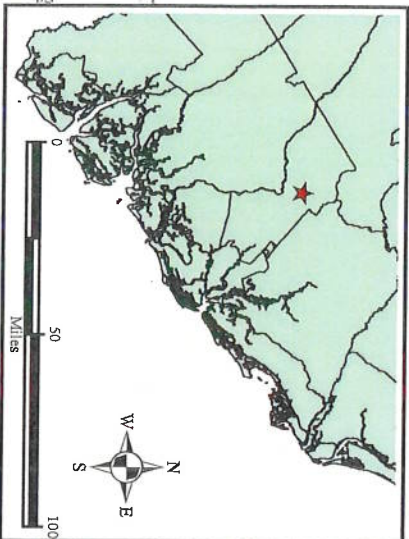
Member/Manager

Signature:

Chris Bauer, Member/Manager

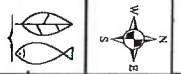
Date:

8/23/2019



LOCATION MAP PINELAND FARM GPI MINE DORCHESTER COUNTY, SC

Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, Geobase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community



LEGEND
☒ PROPERTY BOUNDARY: 62 AC
☐ PIT FOOTPRINT: 5.0 AC

REVISED: 8/29/2019

LOCATION MAP
APPLICANT:
 SANDRIDGE ROAD
 HOLDINGS, LLC
OWNER:
 SANDRIDGE ROAD
 HOLDINGS, LLC
PREPARED BY:
 Stephen Bennett
 SABINE & WATERS, INC.
 August 22, 2019
 Long: -80.406278 W
 Lat: 33.132650 N

Created by: Stephen Bennett
 Date: 8/29/2019
 Copyright: 2019, Sabine & Waters, Inc.
 Environmental Land Management Consultants
 1000 S. Highway 171, Suite 100
 Ridgely, SC 29128
 843.871.5181 (phone) 843.871.2059 (fax)
 R: sww@landridge.com
 P: sww@landridge.com
 E: sww@landridge.com

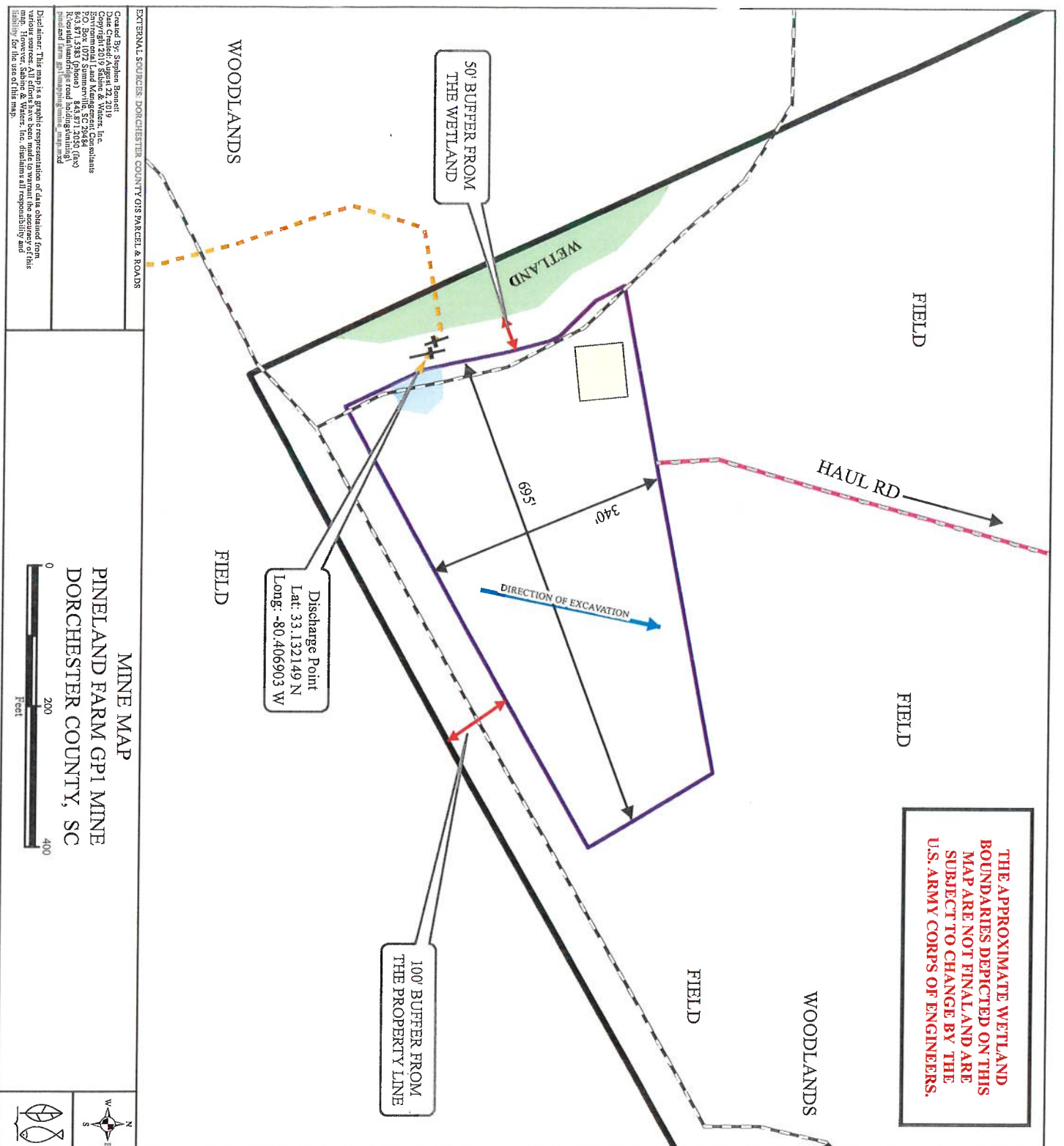
Disclaimer: This map is a graphic representation of data obtained from various sources. All efforts have been made to warrant the accuracy of this liability for the use of this map.

THE APPROXIMATE WETLAND BOUNDARIES DEPICTED ON THIS MAP ARE NOT FINAL AND ARE SUBJECT TO CHANGE BY THE U.S. ARMY CORPS OF ENGINEERS.

MINE MAP
APPLICANT:
 SANDRIDGE ROAD
 HOLDINGS, LLC

OWNER:
 SANDRIDGE ROAD
 HOLDINGS, LLC

PREPARED BY:
 Stephen Bennett
 SABINE & WATERS, INC.
 August 22, 2019



LEGEND

- PROPERTY BOUNDARY: 62 AC
- PIT FOOTPRINT: 5.0 AC
- OVERBURDEN/STOCKPILE: 0.2 AC
- SETTLING POND: 0.2 AC
- RIP RAP SILT FENCE
- DISCHARGE
- WETLAND
- HAUL ROAD
- ROADS

REVISED: 8/29/2019

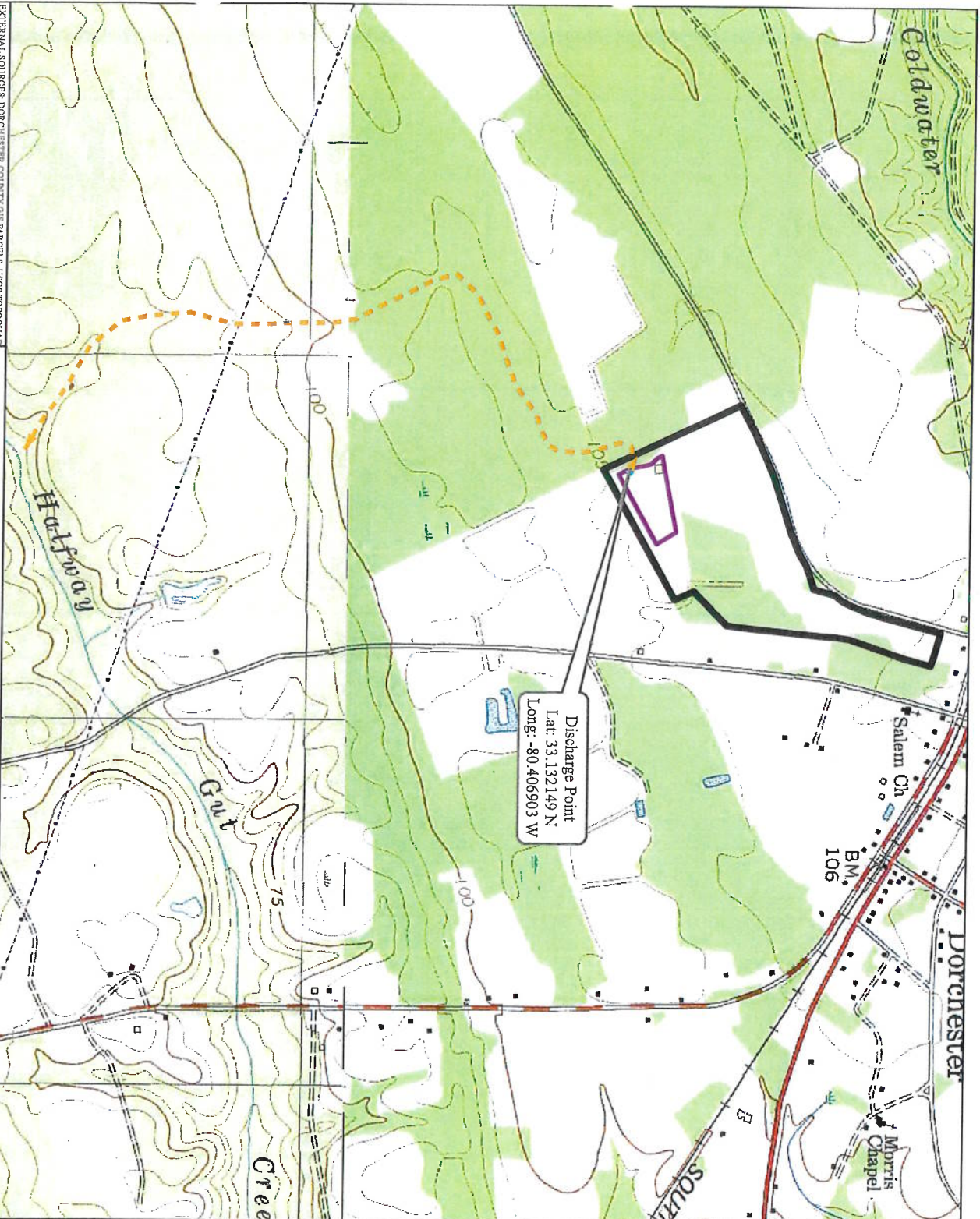
EXTERNAL SOURCES: DORCHESTER COUNTY GIS PARCEL & ROADS

Created By: Stephen Bennett
 Date Created: August 22, 2019
 Copyright 2019 Sabine & Waters, Inc.
 P.O. Box 1072 Summerville, SC 29484
 843.871.3383 (Phone) 843.871.2050 (Fax)
 Website: www.sabineandwaters.com
 Project Name: Sandridge Road Holding (Mining)

Disclaimer: This map is a graphic representation of data obtained from various sources. All efforts have been made to warrant the accuracy of this map. However, the user of this map assumes all responsibility and liability for the use of this map.

MINE MAP
PINELAND FARM GP1 MINE
DORCHESTER COUNTY, SC

0 200 400
 Feet



EXTERNAL SOURCES: DORCHESTER COUNTY GIS PARCELS, USGS TOPOQUAT

Created By: Stephen Bennett
Date Created: August 22, 2019
Copyright 2019 Sabine & Waters, Inc.
10000 Sandridge Road, Suite 100
PO Box 1072 Summerville, SC 29484
843.871.5383 (phone) 843.871.2030 (fax)
Pineland Farm GPI map (8/22/2019)

Disclaimer: This map is a graphic representation of data obtained from various sources. All efforts have been made to warrant the accuracy of this map. However, the user of this map, its contents, and the information contained herein, shall assume all responsibility and liability for the use of this map.

NOI MAP
PINELAND FARM GPI MINE
DORCHESTER COUNTY, SC



NOI MAP

APPLICANT:
SANDRIDGE ROAD
HOLDINGS, LLC

OWNER:
SANDRIDGE ROAD
HOLDINGS, LLC

PREPARED BY:
Stephen Bennett
SABINE & WATERS, INC.
August 22, 2019

LEGEND

- PROPERTY BOUNDARY: 62 AC
- PIT FOOTPRINT: 5.0 AC
- OVERBURDEN/ STOCKPILE: 0.2 AC
- SETTLING POND: 0.2 AC
- DISCHARGE

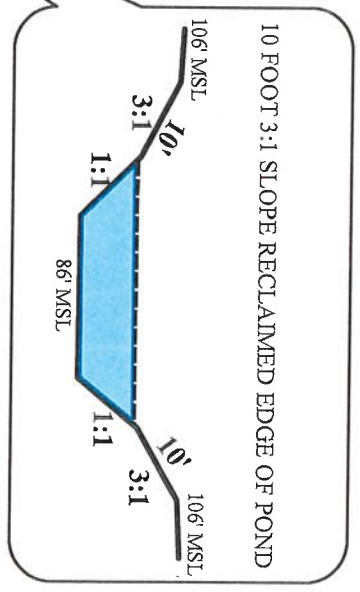
REVISED: 8/29/2019

RECLAMATION MAP

APPLICANT:
SANDRIDGE ROAD
HOLDINGS, LLC

OWNER:
SANDRIDGE ROAD
HOLDINGS, LLC

PREPARED BY:
Stephen Bennett
SABINE & WATERS, INC.
August 22, 2019



HAUL RD

RECLAMATION MAP PINELAND FARM GP1 MINE DORCHESTER COUNTY, SC



LEGEND

- PROPERTY BOUNDARY: 62 AC
- PIT FOOTPRINT: 5.0 AC
- WATER: 4.6 AC
- HAUL ROAD
- ROADS

REVISED: 8/29/2019

EXTERNAL SOURCES: DORCHESTER COUNTY GIS PARCEL & ROADS

Created by: Stephen Bennett
Date: 8/29/2019
Copyright 2019 Sabine & Waters, Inc.
Pineland Farm GP1 Mine
843.871.5383 (phone) 843.871.2051 (fax)
Reclamation and pit road holdings mining
Pineland Farm GP1 Mine
pineland_farm_gp1_mine_reclamation_map.mxd

Disclaimer: This map is a graphic representation of data obtained from various sources. All efforts have been made to warrant the accuracy of this map. However, Sabine & Waters, Inc. disclaims all responsibility and liability for the use of this map.

MINE PROXIMITY MAP

APPLICANT:
SANDRIDGE ROAD
HOLDINGS, LLC

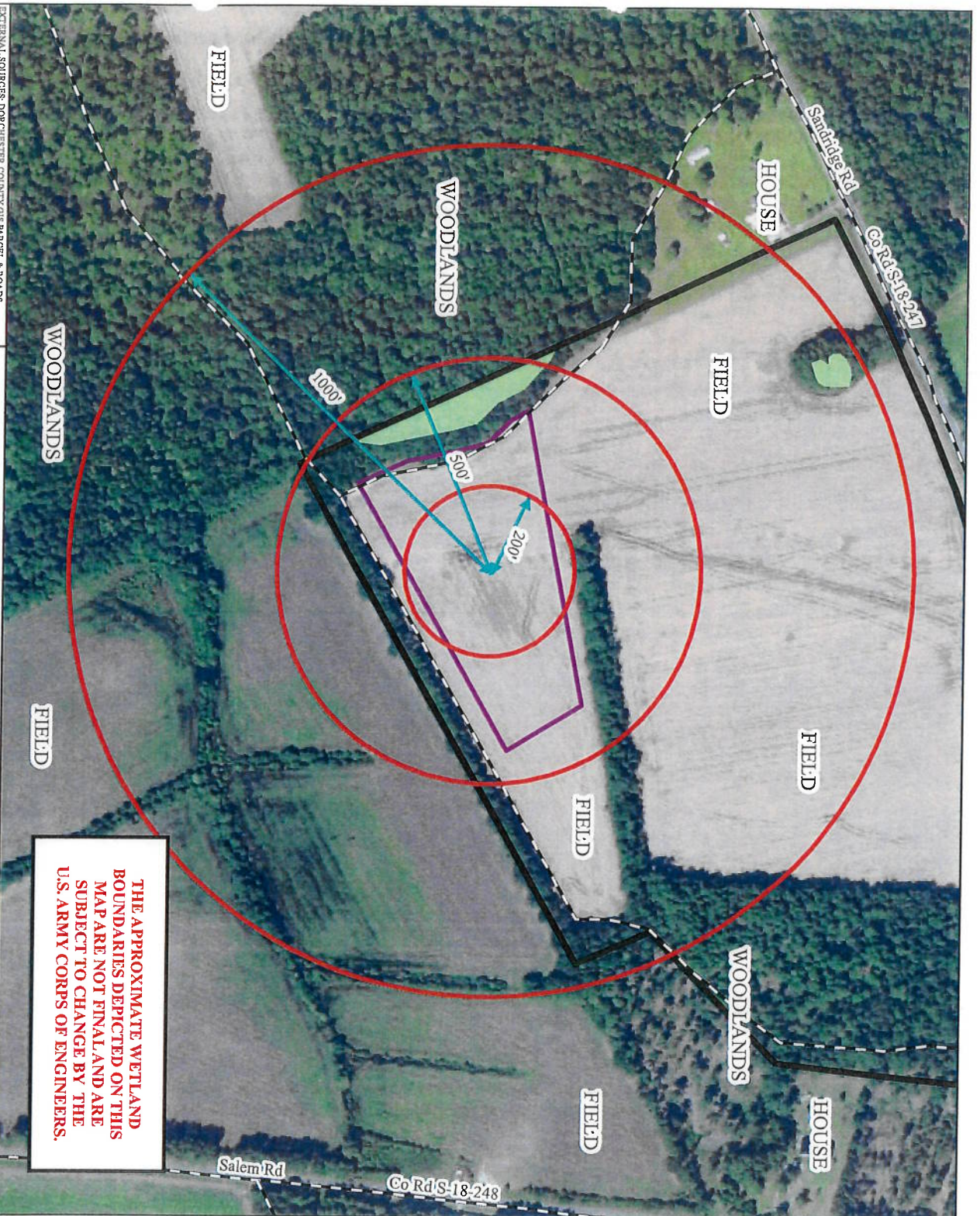
OWNER:
SANDRIDGE ROAD
HOLDINGS, LLC

PREPARED BY:
Stephen Bennett
SABINE & WATERS, INC.
August 22, 2019

LEGEND

- PROPERTY BOUNDARY: 62 AC
- PIT FOOTPRINT: 5.0 AC
- MINE BUFFERS
- WETLANDS
- ROADS

REVISED: 8/29/2019

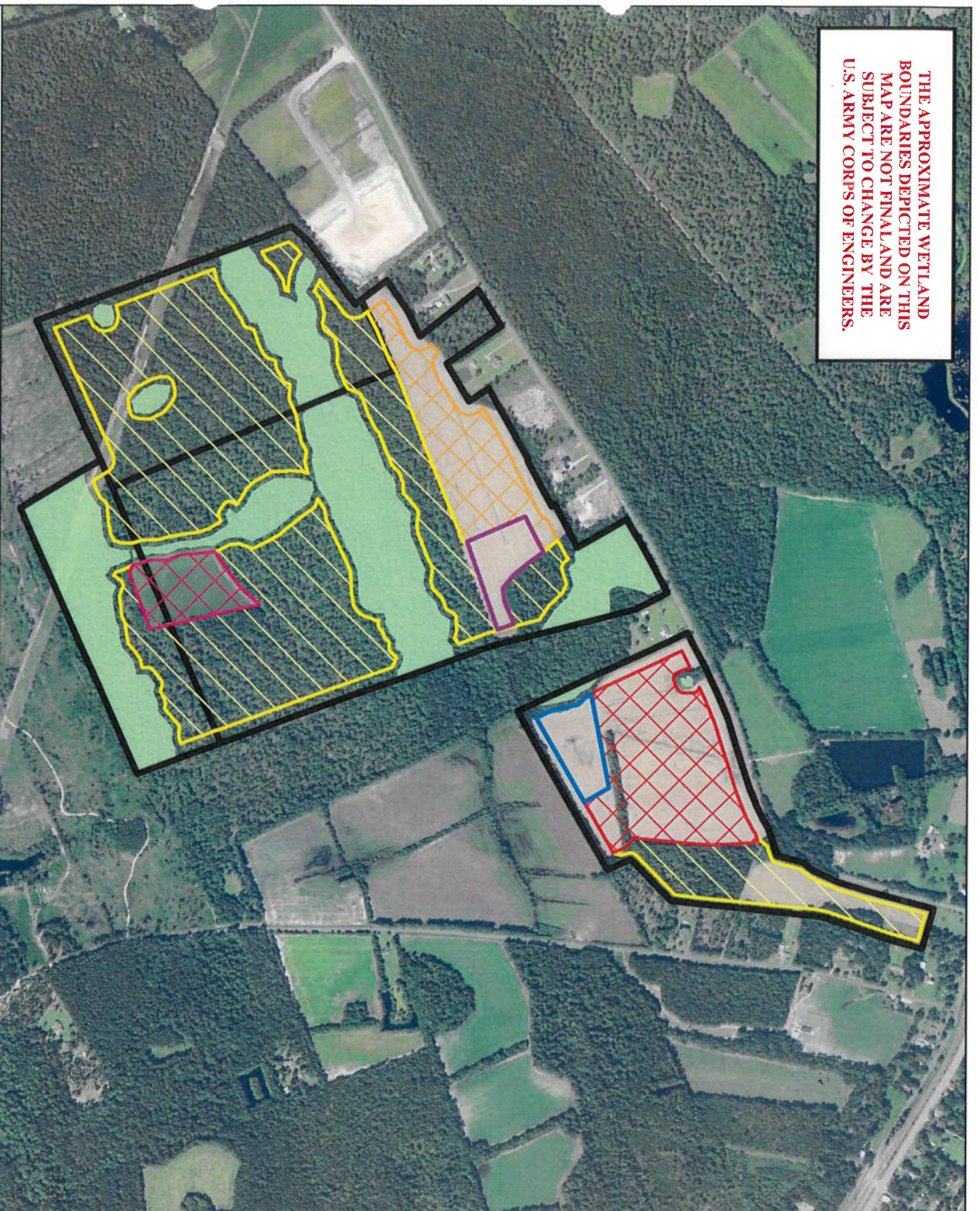


THE APPROXIMATE WETLAND
BOUNDARIES DEPICTED ON THIS
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Date Created: August 22, 2019
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K: sandridge_road_holding_company
E: sandridge_road_holding_company@sbw.com

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THE APPROXIMATE WETLAND
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EXTERNAL SOURCES: DORCHESTER COUNTY GIS PARCELS,
LAND AND FUTURE COAL RESERVES

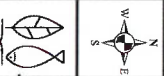
Created by: Stephen Bennett
Prepared for: Sandridge Holdings, LLC
Copyright: 2019 Sabine & Waters, Inc.
Environmental Land Management Consultants
843.871.5383 (phone) 843.871.2058 (fax)
R-custodial and holding (pending)
Mapping, acquisition, and future reserves and

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MINE SEGMENTS AND FUTURE RESERVES MAP

PINELAND MINES

DORCHESTER COUNTY, SC



- LEGEND**
- PROPERTY BOUNDARY: 318 AC
 - PINELAND GP1 MINE: 5.0 AC
 - PINELAND FARM GP1 MINE: 5.0 AC
 - MINE SEGMENT 1: 17.3 AC
 - MINE SEGMENT 2: 27.0 AC
 - MINE SEGMENT 3: 8.0 AC
 - FUTURE RESERVES: 129.8 AC
 - WETLANDS: 69 AC

REVISED: 8/22/2019

MINE SEGMENTS AND FUTURE RESERVES MAP

APPLICANT:
SANDRIDGE
HOLDINGS, LLC

OWNER:
SANDRIDGE
HOLDINGS, LLC

PREPARED BY:
Stephen Bennett
SABINE & WATERS, INC.
July 30, 2019